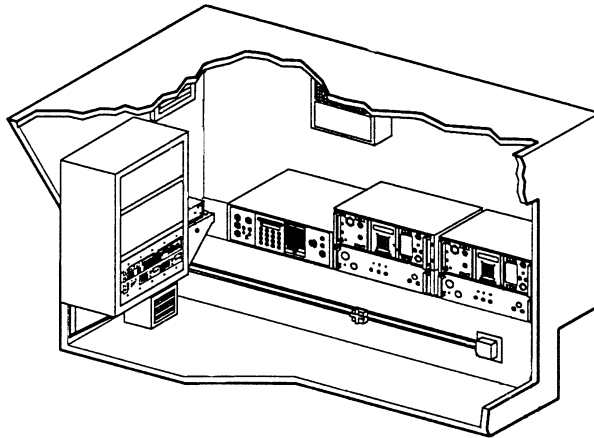


AN/TRC-190



SYSTEM IDENTIFIERS	
NOMENCLATURE:	Line-Of-Sight (LOS) Multi-Channel Radio Terminal
SSN:	W2870000GCH
LIN:	L69374
NSN:	5820-01-247-0981
AMIM NO:	N/A
EIC:	HHD
FUEL TYPE:	-----

SYSTEM DESCRIPTION
<p>The AN/TRC-190 Line-of-Sight (LOS) radio assembly is a component of the Mobile Subscriber Equipment (MSE) communications network. It consists of a shelter containing two to six AN/GRC-226 radios equipped with digital group multiplexers. The AN/TRC-190 is powered by a PU-751 5kw diesel generator. LOS radios connect all AN/TTC-47 node centers together in a grid network. The network provides automatic switching services to all wire and mobile subscribers. When the LOS grid network is established and functioning, it is capable of delivering wireless communications covering thousands of square kilometers. LOS radios are capable of connecting other MSE components into one continuous grid network.</p>

The list below identifies components associated with this weapon/materiel system.

AN/TRC-190

<u>LIN</u>	<u>NSN</u>	<u>NOMENCLATURE</u>
G37273	6115-00-033-1373	GEN ST DSL ENG TM, 5KW 60HZ MT
M11186	5985-01-248-4760	MAST ANTENNA-15 METER, AB-1339/G
M11436	5985-01-249-2581	MAST ANTENNA-30 METER, AB-1340/G
S01427	5411-00-489-6076	SHELTER NONEXPANDABLE

SYSTEM VARIANTS

<u>MDS</u>	<u>LIN</u>	<u>NSN</u>
AN/TRC-190	L69374	5820-01-247-0979
AN/TRC-190	L69442	5820-01-247-0982
AN/TRC-190	L69374	5820-01-309-4649
AN/TRC-190	L69306	5820-01-310-2538
AN/TRC-190	L69442	5820-01-310-2543

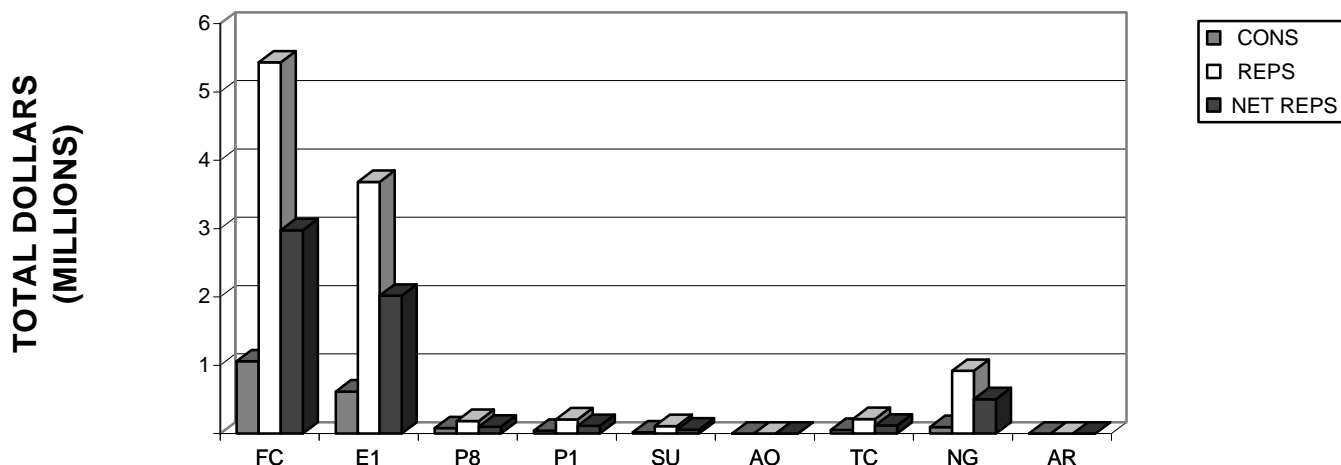
This summary provides an overview of FY 94 Total Army operating and support costs and other information for the weapon system. Average cost per system is displayed so the data can be used in performing analyses and cost studies. Average costs are calculated using the end item's density. NET REPARABLES represent the cost with the Major Subordinate Command (MSC) specific credit rates applied (detailed in Section 1 - Overview).

<p align="center">AN/TRC-190 FY 94 TOTAL ARMY COST SUMMARY (FY 94 Constant Dollars)</p>
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<div>DENSITY</div> <div>NUMBER OF SYSTEMS2,017</div>		<div>DEPOT END ITEM MAINTENANCE (5.061)</div> <div>TOTAL\$0</div> <div>QUANTITY COMPLETED0</div> <div>AVG COST/END ITEM\$0.00</div>																			
<div>CLASS III-POL (5.05)</div> <div>NOT APPLICABLE</div>		<div>DEPOT SECONDARY ITEM MAINTENANCE</div> <div>TOTAL\$344,081</div> <div>QUANTITY COMPLETED543</div> <div>AVG COST/SECONDARY ITEM\$633.67</div>																			
<div>CLASS V-AMMUNITION (2.11)</div> <div>NOT APPLICABLE</div>		<div>INTERMEDIATE MAINTENANCE</div> <table><tr><td></td><td><u>DS/GS</u></td><td><u>CIVILIAN</u></td></tr><tr><td>MIL/CIV LABOR COST</td><td>\$266,259</td><td>\$1,332,813</td></tr><tr><td>AVG COST/SYSTEM</td><td>\$132.01</td><td>\$660.79</td></tr><tr><td colspan="3"> </td></tr><tr><td>MAINTENANCE MANHOURS</td><td>16,030</td><td>49,488</td></tr><tr><td>MMHs/SYSTEM</td><td>7.95</td><td>24.54</td></tr></table>			<u>DS/GS</u>	<u>CIVILIAN</u>	MIL/CIV LABOR COST	\$266,259	\$1,332,813	AVG COST/SYSTEM	\$132.01	\$660.79				MAINTENANCE MANHOURS	16,030	49,488	MMHs/SYSTEM	7.95	24.54
	<u>DS/GS</u>	<u>CIVILIAN</u>																			
MIL/CIV LABOR COST	\$266,259	\$1,332,813																			
AVG COST/SYSTEM	\$132.01	\$660.79																			
MAINTENANCE MANHOURS	16,030	49,488																			
MMHs/SYSTEM	7.95	24.54																			
<div>CLASS IX MATERIEL-PARTS (5.04/5.03)</div> <table><tr><td></td><td>FY 94</td><td>AVG COST</td></tr><tr><td></td><td><u>DOLLARS</u></td><td><u>PER SYSTEM</u></td></tr><tr><td>CONSUMABLES</td><td>\$1,970,400</td><td>\$976.90</td></tr><tr><td>NET REPARABLES</td><td>\$5,892,902</td><td>\$2,921.62</td></tr><tr><td>NET TOTAL COSTS</td><td>\$7,863,302</td><td>\$3,898.51</td></tr></table>					FY 94	AVG COST		<u>DOLLARS</u>	<u>PER SYSTEM</u>	CONSUMABLES	\$1,970,400	\$976.90	NET REPARABLES	\$5,892,902	\$2,921.62	NET TOTAL COSTS	\$7,863,302	\$3,898.51			
	FY 94	AVG COST																			
	<u>DOLLARS</u>	<u>PER SYSTEM</u>																			
CONSUMABLES	\$1,970,400	\$976.90																			
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NET TOTAL COSTS	\$7,863,302	\$3,898.51																			

The following graph and table display FY 94 Class IX costs for consumables (CONS), reparable, (REPS), and net reparable (NET REPS) by MACOM. CONS and REPS are the total costs of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. TOTAL ARMY (TA) costs are the summation of costs across all MACOMs in the table. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems for each MACOM.

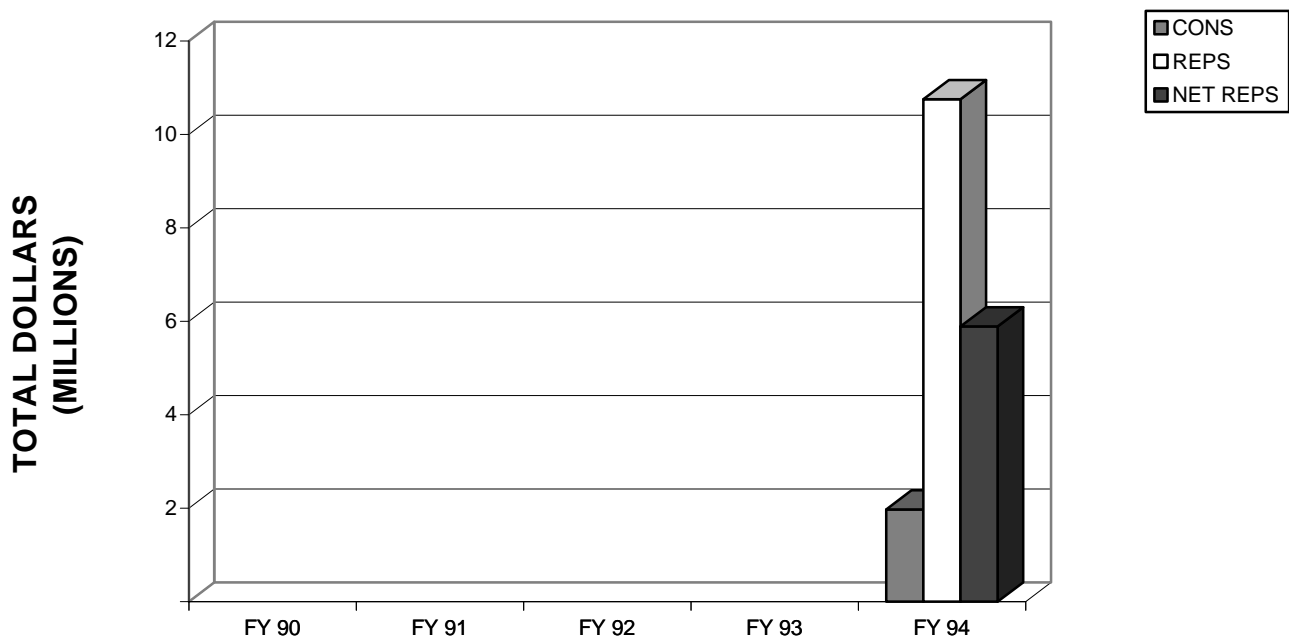
AN/TRC-190



AN/TRC-190 FY 94 MACOM CLASS IX COSTS							
MACOM		CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
CODE	NAME						
FC	FORSCOM	1,059,937	5,432,564	2,977,048	4,036,985	684	5,902
E1	USAREUR	615,874	3,683,316	2,018,458	2,634,332	433	6,084
P8	EUSA	81,230	185,744	101,788	183,018	55	3,328
P1	USARPAC	43,152	207,995	113,980	157,132	56	2,806
SU	USARSO	19,719	111,062	60,862	80,581	19	4,241
AO	USASOC	0	0	0	0	0	0
TC	TRADOC	53,661	214,667	117,639	171,300	35	4,894
NG	ARNG	96,827	918,119	503,127	599,954	735	816
AR	USAR	0	0	0	0	0	0
TA	TOTAL ARMY	1,970,400	10,753,467	5,892,902	7,863,302	2,017	3,899

The following graph and table display FY 90-94 Class IX costs for consumables (CONS), reparable (REPS) and net reparable (NET REPS) by Total Army. The Total Army costs are a summation of all the MACOMs displayed on the previous page. CONS and REPS are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. NET TOTAL COSTS are the sums of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System - Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the number of systems in the Total Army for the fiscal year. Blank rows indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-190



AN/TRC-190 FIVE YEAR TOTAL ARMY CLASS IX COSTS						
FISCAL YEAR	CONS	REPS	NET REPS	NET TOTAL COSTS	NUMBER OF SYSTEMS	AVG PER SYSTEM
FY 90						
FY 91						
FY 92						
FY 93						
FY 94	1,970,400	10,753,467	5,892,902	7,863,302	2,017	3,899

The Total Army Class IX costs from the previous pages are broken out by Work Breakdown Structure (WBS) in the following table. The FY 94 WBS Class IX costs for consumables (CONS) and reparables (REPS) are the total cost of requisitions recorded in the Logistic Intelligence File (LIF). The NET REPS are the cost to the customer in the field and are calculated by applying an MSC-specific credit rate at the NSN level. The TOTAL costs are a summation of all the WBS elements displayed in the table. NET TOTAL COSTS are the sum of the costs in CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS column by the total number of systems in the Army.

AN/TRC-190 FY 94 TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS							
WBS	NAME	CONS	REPS	NET REPS	NET TOTAL COSTS	NUM OF SYSTEMS	AVG PER SYSTEM
01	SENSORS	0	0	0	0	0	0
02	PROCESSING (ADPE)	0	0	0	0	0	0
03	COMMUNICATIONS	1,602,670	8,632,304	4,730,505	6,333,175	2,017	3,140
04	PERIPHERALS	0	0	0	0	0	0
05	ENVIRON SUPPORT	90,005	686,247	376,063	466,068	2,017	231
06	APPLICATIONS SFT	0	0	0	0	0	0
07	SYSTEM SOFTWARE	0	0	0	0	0	0
08	INT, ASSY, TEST, C/O	0	0	0	0	0	0
09	OTHER	277,725	1,434,916	786,334	1,064,059	2,017	528
	TOTAL	1,970,400	10,753,467	5,892,902	7,863,302	2,017	3,899

The following table displays FY 90-94 Class IX costs by Work Breakdown Structure (WBS) for the Total Army. NET TOTAL COSTS are summation for all the WBS elements displayed on the previous page and are a sum of the costs of CONS and NET REPS. NUMBER OF SYSTEMS is the density recorded in the Continuing Balance System-Expanded (CBS-X). AVG PER SYSTEM costs are calculated by dividing the costs in NET TOTAL COSTS by the total number of systems in the Army for the fiscal year. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-190						
FIVE YEAR TOTAL ARMY WORK BREAKDOWN STRUCTURE COSTS						
WBS	NAME	FY 90 NET TOTAL COSTS	FY 91 NET TOTAL COSTS	FY 92 NET TOTAL COSTS	FY 93 NET TOTAL COSTS	FY 94 NET TOTAL COSTS
01	SENSORS					0
02	PROCESSING (ADPE)					0
03	COMMUNICATIONS					6,333,175
04	PERIPHERALS					0
05	ENVIRON SUPPORT					466,068
06	APPLICATIONS					0
07	SYSTEM SOFTWARE					0
08	INT, ASSY, TEST, C/O					0
09	OTHER					1,064,059
	TOTAL					7,863,302
	NUM OF SYSTEMS					2,017
	AVG PER SYSTEM					3,899

AN/TRC-190
TOP 40 COST DRIVERS
CLASS IX CONSUMABLES (NON-DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE	FY 94 QTY
1.	5995012876472	CABLE ASSEMBLY,SPEC	03J	F		G21RW	1,231.00	330.80
2.	6140000572553	BATTERY STORAGE	09	F		K21PU	47.22	3,565.26
3.	5985012974145	FEED,BAND 3	03C	Z		G22RW	2,554.00	65.00
4.	5995012876473	CABLE ASSEMBLY,SPEC	03J	F		G21RW	814.00	165.97
5.	5995012620554	CABLE ASSY,DATA	03J	Z		G22RW	900.00	101.21
6.	5965011283944	HANDSET	03A	Z		Q2200	69.07	858.04
7.	5985013079462	BAG	03J	Z		Q2200	667.52	78.49
8.	5935011463413	CONNECTOR,PLUG,ELEC	03J	Z		G22RL	120.00	361.67
9.	5985012549562	WINDER STAY ASSY	03C	Z		G22RW	114.00	372.57
10.	4140012571862	FAN,CENTRIFUGAL	05B	Z		E2200	486.13	79.16
11.	5965013488302	HANDSET	03A	Z		Q2200	406.20	90.43
12.	4140012571863	FAN,CIRCULATING	05B	Z		E2200	2,411.52	14.98
13.	5998011469150	ELECTRONIC COMPONENT	03J	Z		Q2200	575.45	58.11
14.	5985012549560	WINDER STAY ASSY	03C	Z		G22RW	100.00	330.44
15.	5995013141263	CABLE ASSEMBLY,POWE	03J	F		G21RW	593.00	52.26
16.	5985012549561	WINDER STAY ASSY	03C	Z		G22RW	140.00	211.22
17.	5985012974144	GRID REFLECTOR	03C	Z		Q2200	13,652.38	2.00
18.	5995013236462	CABLE ASSEMBLY,IF	03J	Z		Q2200	372.00	71.34
19.	5995013141262	CABLE ASSEMBLY,POWE	03J	F		G21RW	473.00	54.40
20.	5985012642764	SUPPORT,ANTENNA	03C	Z		G22RW	40.05	615.08
21.	5995012711599	CABLE ASSEMBLY,POWE	03J	F		G21RW	1,459.00	16.42
22.	6240001324011	LAMP,INCANDESCENT	09	Z		J2200	17.23	1,197.03
23.	5999012637665	HIGH VOLTAGE ASSY	03J	F		G21RW	1,688.00	9.99
24.	5995012667304	CORD ASSEMBLY,ELECT	03J	Z		G22RW	143.00	105.78
25.	5935005778846	CONNECTOR,PLUG,ELEC	03J	Z		Q2200	203.44	66.26
26.	5120013433326	STRETCHER,WIRE	09	Z		G24RW	18.78	716.44
27.	5998003321820	CIRCUIT CARD ASSEMB	03J	H		G21RQ	215.00	61.75
28.	5985012968144	BASE,MAST	03C	Z		G22RW	3,612.00	3.64
29.	5895012638609	DETECTOR,RADIO FREQ	03J	Z		Q2200	501.05	23.56
30.	5925012574312	CIRCUIT BREAKER	03J	Z		G22RW	240.00	48.65
31.	5995011663612	CORD ASSEMBLY,ELECT	03J	Z		Q2200	35.05	303.68
32.	5999008233262	CONTACT ASSEMBLY ELE	03J	F		G21RH	89.23	119.01
33.	5340013602243	CLAMP,LOOP	09	Z		T2200	755.97	12.69
34.	5995013258646	CABLE ASSEMBLY,POWE	03J	F		G21RW	1,459.00	6.34
35.	6160013432518	BATTERY BOX	09	Z		G24RW	68.11	133.08
36.	3040012580994	LEVER,TURNING	05G	Z		G22RW	76.57	110.89
37.	5920013710550	ARRESTER,ELECTRICAL	03J	F		G21RW	590.00	13.75
38.	5935013326461	CONNECTOR,PLUG,ELEC	03J	Z		Q2200	165.19	43.12
39.	5935012574027	CONNECTOR,PLUG,ELEC	03J	Z		Q2200	202.22	33.17
40.	5935013081069	CONNECTOR,ADPT,R	03J	Z		Q2200	61.97	106.32

NUMBER OF SYSTEMS	2,017
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

AN/TRC-190
CONSUMABLES (NON-DLRs)

EXTENDED COST (QTY * UNIT PRICE)	AVERAGE COST	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST
407,215	201.89	16.4006		
168,352	83.47	176.7605		
166,010	82.31	3.2226		
135,100	66.98	8.2286		
91,089	45.16	5.0178		
59,266	29.38	42.5404		
52,394	25.98	3.8914		
43,400	21.52	17.9311		
42,472	21.06	18.4715		
38,483	19.08	3.9246		
36,732	18.21	4.4834		
36,124	17.91	0.7427		
33,440	16.58	2.8810		
33,044	16.38	16.3827		
30,991	15.36	2.5910		
29,571	14.66	10.4720		
27,305	13.54	0.0992		
26,539	13.16	3.5369		
25,730	12.76	2.6971		
24,634	12.21	30.4948		
23,957	11.88	0.8141		
20,625	10.23	59.3471		
16,864	8.36	0.4953		
15,127	7.50	5.2444		
13,479	6.68	3.2851		
13,453	6.67	35.5201		
13,276	6.58	3.0615		
13,148	6.52	0.1805		
11,805	5.85	1.1681		
11,677	5.79	2.4120		
10,644	5.28	15.0560		
10,619	5.26	5.9003		
9,593	4.76	0.6292		
9,250	4.59	0.3143		
9,065	4.49	6.5979		
8,491	4.21	5.4978		
8,113	4.02	0.6817		
7,123	3.53	2.1378		
6,708	3.33	1.6445		
6,589	3.27	5.2712		

1,747,497	88.7%	TOP 40
222,903	11.3%	OTHERS
=====		
1,970,400		

AN/TRC-190
TOP 40 COST DRIVERS
CLASS IX REPARABLES (DLRs)

	NSN	NOMENCLATURE	WBS	MRC	ARI	MATCAT	FY 94 AMDF UNIT PRICE		FY 94 QTY
							W/O CREDIT	W/CREDIT	
1.	6130012529724	CHARGER,BATTERY	09	D	E	G21RW	8,259.00	4,525.93	161.76
2.	5820012620546	RX SIDEWALL ASSY	03E	D	C	G21RW	35,021.00	19,191.51	36.88
3.	5820012620553	RX SIDEWALL ASSY	03E	D	E	G21RW	8,940.00	4,899.12	112.00
4.	5820012620552	TX SIDEWALL ASSY	03E	D	C	G21RW	12,267.00	6,722.32	57.00
5.	5985012620604	DIPLEXER	03C	D	C	G21RW	34,472.00	18,890.66	20.00
6.	5820012620545	TX SIDEWALL ASSY	03E	D	D	G21RW	20,815.00	11,406.62	30.76
7.	6130012620587	POWER SUPPLY	05A	D	C	G21RW	9,032.00	4,949.54	60.27
8.	5820012490356	RECEIVER-TRANSMIT	03E	D	R	G21RW	60,250.00	33,017.00	9.00
9.	5985012620603	DIPLEXER	03C	D	D	G21RW	17,427.00	9,550.00	20.17
10.	5820012493951	AMPLIFIER,RADIO FRE	03E	D	D	G21RW	58,141.00	31,861.27	5.74
11.	5820012620551	RX SYNTHESIZER ASS	03E	D	E	G21RW	6,470.00	3,545.56	31.27
12.	5820012484767	RECEIVER-TRANSMIT	03E	D	E	G21RW	101,496.00	55,619.81	1.92
13.	5805012540333	CONTROL,ORDERWIR	03J	D	R	G23RW	69,521.00	38,097.51	2.65
14.	5998013380574	CIRCUIT CARD ASSEM	03J	D		G21RW	1,592.00	872.42	105.87
15.	5985012544081	ANTENNA	03C	D	E	G21RW	4,491.00	2,461.07	31.00
16.	5998012620610	CIRCUIT CARD ASSEM	03J	D	C	G21RW	1,604.00	878.99	84.41
17.	5999012695573	CIRCUIT CARD ASSEM	03J	D		G21RW	7,719.00	4,230.01	16.57
18.	5841012620549	HF MODULATOR ASSY	03J	D	R	G21RW	7,577.00	4,152.20	16.69
19.	6615012620543	DEMODULATOR ASSY	09	D	D	G21RW	4,438.00	2,432.02	21.62
20.	5820012620550	TX SYNTHESIZER ASS	03E	D	R	G21RW	4,187.00	2,294.48	22.90
21.	5985012536138	ANTENNA	03C	D	E	G21RW	4,849.00	2,657.25	18.73
22.	5998013692071	CIRCUIT CARD ASSEM	03J	D	E	G21RW	2,027.00	1,110.80	41.47
23.	5820012620547	PRE-MODULATOR ASS	03E	D	E	G21RW	5,591.00	3,063.87	13.11
24.	5998013257040	CIRCUIT CARD ASSEM	03J	D	E	G21RW	4,187.00	2,294.48	16.11
25.	5805012540334	MULTIPLEXER	03J	D	D	G23RW	66,567.00	36,478.72	0.99
26.	5895013578582	PANEL,CONTROL,ELEC	03J	D	R	G21RW	8,227.00	4,508.40	7.83
27.	6130013281617	POWER SUPPLY	05A	D	D	G21RW	8,932.00	4,894.74	6.75
28.	5998012564441	CIRCUIT CARD ASSEM	03J	D	E	G21RW	3,070.00	1,682.36	19.56
29.	5998011401314	CIRCUIT CARD ASSEM	03J	L		G21RY	1,897.00	1,039.56	30.64
30.	5998012290692	CIRCUIT CARD ASSEM	03J	D	E	G21RQ	1,990.00	1,090.52	28.91
31.	5998012620611	CIRCUIT CARD ASSEM	03J	D	E	G21RW	1,550.00	849.40	29.87
32.	5998012620608	CIRCUIT CARD ASSEM	03J	D	D	G21RW	2,087.00	1,143.68	22.09
33.	5998013257038	CIRCUIT CARD ASSEM	03J	D	C	G21RW	2,800.00	1,534.40	15.48
34.	5998013075494	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	1,592.00	872.42	27.09
35.	5820011409276	CONTROL PANEL	03J	D		G21RY	5,519.00	3,024.41	7.78
36.	5998013370192	CIRCUIT CARD ASSEM	03J	D	D	G24RW	2,778.00	1,522.34	15.21
37.	6130012564423	POWER SUPPLY ASSE	05A	D	R	G21RW	3,305.00	1,811.14	12.00
38.	5998011203263	CIRCUIT CARD ASSEM	03J	D	D	G21RQ	509.00	278.93	71.00
39.	5998012620607	CIRCUIT CARD ASSEM	03J	D	R	G21RW	1,620.00	887.76	19.84
40.	5998012620606	CIRCUIT CARD ASSEM	03J	D	D	G21RW	4,298.00	2,355.30	7.25

NUMBER OF SYSTEMS	2,017
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NOTE: ROWS MAY NOT CALCULATE DUE TO ROUNDING

**AN/TRC-190
REPARABLES (DLRs)**

EXTENDED COST (W/CREDIT) (QTY * UNIT PRICE)	AVERAGE COST (W/CREDIT)	AVERAGE QUANTITY	FY 90-94 FIVE YEAR AVERAGE	
	PER SYSTEM	PER 100 SYSTEMS	QTY	EXTENDED COST (W/CREDIT)
732,115	362.97	8.0198		
707,783	350.91	1.8285		
548,701	272.04	5.5528		
383,171	189.97	2.8260		
377,814	187.31	0.9916		
350,867	173.95	1.5250		
298,309	147.90	2.9881		
297,153	147.32	0.4462		
192,624	95.50	1.0000		
182,885	90.67	0.2846		
110,869	54.97	1.5503		
106,790	52.94	0.0952		
100,959	50.05	0.1314		
92,364	45.79	5.2489		
76,293	37.82	1.5369		
74,196	36.79	4.1849		
70,091	34.75	0.8215		
69,300	34.36	0.8275		
52,580	26.07	1.0719		
52,543	26.05	1.1353		
49,771	24.68	0.9286		
46,065	22.84	2.0560		
40,167	19.91	0.6500		
36,964	18.33	0.7987		
36,114	17.90	0.0491		
35,300	17.50	0.3882		
33,039	16.38	0.3347		
32,907	16.31	0.9698		
31,852	15.79	1.5191		
31,527	15.63	1.4333		
25,372	12.58	1.4809		
25,263	12.53	1.0952		
23,751	11.78	0.7675		
23,635	11.72	1.3431		
23,530	11.67	0.3857		
23,154	11.48	0.7541		
21,733	10.77	0.5949		
19,806	9.82	3.5201		
17,612	8.73	0.9836		
17,076	8.47	0.3594		

5,472,045	92.9%	COST DRIVERS
420,857	7.1%	OTHERS
=====		
5,892,902		

The following table summarizes FY 94 Depot Maintenance Costs from the Master File Maintenance (MFM). Depot maintenance costs are displayed by cost elements for end item maintenance and secondary item maintenance. The OTHER cost columns represent work categories such as progressive maintenance, renovation, and fabrication/manufacture. For reporting purposes, TRANSPORTATION costs recorded in the World Aircraft Logistics Conference (WALC)/Special Aircraft Assignment Mission (SAAM) records are shown in the OTHER maintenance category.

AN/TRC-190							
FY 94 DEPOT MAINTENANCE COSTS							
COST ELEMENTS	END ITEM MAINTENANCE				SECONDARY ITEM MAINTENANCE		
	REPAIR	OVERHAUL	OTHER	MODIFICATION	REPAIR	OVERHAUL	OTHER
CIVILIAN LABOR	0	0	0	0	6,824	129,129	0
MILITARY LABOR	0	0	0	0	1,099	0	0
MATERIEL	0	0	0	0	5,930	276	0
TRANSPORTATION	0	0	0	0			
OVERHEAD	0	0	0	0	16,548	178,868	0
CONTRACT	0	0	0	0	0	0	0
OTHER	0	0	0	0	313	5,094	0
TOTAL	0	0	0	0	30,714	313,367	0
QTY COMPLETED	0	0	0	0	67	476	0
AVG COST	0	0	0	0	458	658	0

The table below summarizes FY 94 Intermediate Maintenance Costs from the Work Order Logistics File (WOLF) data. The labor hours and labor costs for Direct Support/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS LABOR COSTS are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate (\$16.61). CIVILIAN LABOR COSTS are a summation from the source data.

AN/TRC-190					
FY 94 INTERMEDIATE MAINTENANCE COSTS					
MACOM	DS/GS LABOR HOURS	DS/GS LABOR COSTS	CIVILIAN LABOR HOURS*	CIVILIAN LABOR COSTS*	CIVILIAN LABOR COST/HOUR
FORSCOM	5,350	88,864	49,488	1,332,813	26.93
USAREUR	5,500	91,355			
EUSA	1,627	27,024			
USARPAC	1,125	18,686			
USARSO	233	3,870			
USASOC	0	0			
TRADOC	0	0	0	0	0.00
ARNG	2,195	36,459			
USAR	0	0			
TOTAL ARMY	16,030	266,259	49,488	1,332,813	26.93

*TRADOC LABOR HOURS and LABOR COSTS include contractor hours and costs.

The following table summarizes FY 90-94 Depot Maintenance Costs. The depot maintenance data are recorded in MFM. FY 94 costs are a summation of the cost elements displayed on the previous page. END ITEM OVERHEAD costs were not separately identified prior to FY 92. TRANSPORTATION costs are recorded in the WALC/SAAM records. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-190 FIVE YEAR DEPOT MAINTENANCE COSTS										
COST ELEMENTS	END ITEM MAINTENANCE					SECONDARY ITEM MAINTENANCE				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
CIVILIAN LABOR					0					135,953
MILITARY LABOR					0					1,099
MATERIEL					0					6,206
TRANSPORTATION					0					
OVERHEAD					0					195,416
CONTRACT					0					0
OTHER					0					5,407
TOTAL					0					344,081
QTY COMPLETED					0					543
AVG COST					0					634

The table below summarizes FY 90-94 Intermediate Maintenance Costs from WOLF. The fiscal year total costs for Direct/General Support Intermediate Maintenance (DS/GS) and Civilian Maintenance are displayed by MACOM and Total Army. MACOM DS/GS labor costs are calculated by multiplying MACOM labor hours by the Army Manpower Cost System (AMCOS) E-5 composite standard rate. DS/GS COST PER HR is the E-5 composite standard rate in FY 94 constant dollars. CIVILIAN LABOR COSTS are a summation from the source data. Blank columns indicate system was not tracked in the OSMIS database during that fiscal year.

AN/TRC-190 FIVE YEAR INTERMEDIATE MAINTENANCE COSTS										
MACOM	DIRECT/GENERAL SUPPORT INTERMEDIATE MAINTENANCE (DS/GS)					CIVILIAN MAINTENANCE (CIV)				
	FY 90	FY 91	FY 92	FY 93	FY 94	FY 90	FY 91	FY 92	FY 93	FY 94
FORSCOM					88,864					1,332,813
USAREUR					91,355					
EUSA					27,024					
USARPAC					18,686					
USARSO					3,870					
USASOC					0					
TRADOC					0					0
ARNG					36,459					
USAR					0					
TOTAL ARMY					266,259					1,332,813
LABOR HRS					16,030					49,488
COST PER HR					16.61					26.93

The following list shows the FY 94 Secondary Item - Rebuilds/Overhauls Cost Drivers recorded in the MFM. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 94 TOTAL COST TO REBUILD/OVERHAUL by FY 94 QTY COMPLETED.

AN/TRC-190					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS					
COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REBUILD/ OVERHAUL	FY 94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5995-01-121-6623	CABLE ASSEMBLY S	1,298	313,367	476	658

The following list shows the FY 94 Secondary Item Maintenance - Repairs Cost Drivers recorded in MFM. AVG COST TO REPAIR is calculated by dividing the costs in FY 94 TOTAL COST TO REPAIR by FY 94 QTY COMPLETED.

AN/TRC-190					
FY 94 DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS					
COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 94 TOTAL COST TO REPAIR	FY 94 QTY COMPLETED	AVG COST TO REPAIR
5810-00-434-3644	SPEECH SECURITY	1,930	30,714	67	458

The following list shows the FY 90-94 Secondary Item - Rebuild/Overhauls Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REBUILD/OVERHAUL is calculated by dividing the costs in FY 90-94 TOTAL COST TO REBUILD/OVERHAUL by FY 90 -94 QTY COMPLETED.

AN/TRC-190 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REBUILDS/OVERHAULS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REBUILD/ OVERHAUL	FY 90-94 QTY COMPLETED	AVG COST TO REBUILD/ OVERHAUL
5995-01-121-6623	CABLE ASSEMBLY S	1,298	313,367	476	658

The following list shows the FY 90-94 Secondary Item - Repairs Cost Drivers recorded in MFM. These five year Cost Drivers were revised from previous years' reports, see Appendix A, Section 13 for further explanation. AVG COST TO REPAIR is calculated by dividing the costs in FY 90-94 TOTAL COST TO REPAIR by FY 90-94 QTY COMPLETED.

AN/TRC-190 FIVE YEAR DEPOT SECONDARY ITEM MAINTENANCE - REPAIRS COST DRIVERS					
NSN	NOMENCLATURE	FY 94 AMDF PRICE	FY 90-94 TOTAL COST TO REPAIR	FY 90-94 QTY COMPLETED	AVG COST TO REPAIR
5810-00-434-3644	SPEECH SECURITY	1,930	30,714	67	458

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